

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 065095.0190

First Inventor ZOLLARS, Byron G.

Title "METHOD AND SYSTEM FOR CONTROLLING ELECTRON BEAMS FROM FIELD EMISSION CATHODES"

Express Mail Label No. EV337980936US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 23]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
(Should be specifically itemized) Citations
(9/43 only)
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: **DISCLOSURE STATEMENT**:
CHECK #856183 (\$417.00)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: 09,873,660

Prior application information:

Examiner: TRAN, THUY V.

Group Art Unit: 2821

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	023640		(re)	<input type="checkbox"/> Correspondence address below
---	--------	--	------	---

Name	ATTN.: CLAUDE E. COOKE, JR.		
Address			
City		State	
Country		Telephone	713.229.1848
Fax	713.229.2848		

Name (Print/Type)	CLAUDE E. COOKE, JR.	Registration No. (Attorney/Agent)	34,142
-------------------	----------------------	-----------------------------------	--------

Signature		Date	07/28/2003
-----------	--	------	------------

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 417.00)

Complete if Known

Application Number	
Filing Date	07/28/2003
First Named Inventor	ZOLLARS, BYRON G.
Examiner Name	
Art Unit	
Attorney Docket No.	065095.0190

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number 02-0383
 Deposit Account Name BAKER BOTTS LLP 023640

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

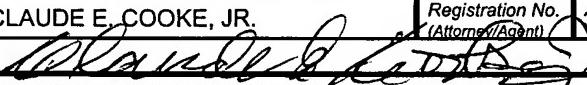
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	CLAUDE E. COOKE, JR.	Registration No. (Attorney/Agent)	34,142	Telephone	713.229.1848
Signature				Date	07/28/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING VIA EXPRESS MAIL

PURSUANT TO 37 C.F.R. § 1.10, I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE," ON THE DATE INDICATED BELOW AND IS ADDRESSED TO:

MAIL STOP PATENT APPLICATION
HONORABLE COMMISSIONER FOR PATENTS
P.O. Box 1450
ALEXANDRIA, VA 22313-1450.

Julie 07.28.2003
JULIE CLEMENTS DATE

07/28/2003 EV337980936US
DATE OF MAILING **EXPRESS MAIL LABEL**

U.S.S.N.: *UNASSIGNED*
FILING DATE: 07/28/2003
APPLICANT: ZOLLARS, BYRON G.
GROUP ART UNIT: *UNASSIGNED*
EXAMINER: *UNASSIGNED*
ATTORNEY DOCKET No. 065095.0190
TITLE: "METHOD AND SYSTEM FOR CONTROLLING ELECTRON BEAMS FROM FIELD EMISSION CATHODES"

THIS APPLICATION IS A DIVISIONAL OF, AND CLAIMS PRIORITY TO, COMMONLY OWNED U.S. PATENT APPLICATION SERIAL NUMBER 09/873,660, FILED JUNE 4, 2001.

INCLUDED IN THIS MAILING FOR THE ABOVE-REFERENCED PATENT APPLICATION ARE:

1. UTILITY PATENT APPLICATION TRANSMITTAL FORM (PTO/SB/05);
 2. SPECIFICATION (*23 PAGES TOTAL, INCLUDING COVER PAGE*);
 3. SIX (6) SHEETS OF FORMAL DRAWINGS, FIGURES 1-5(b);
 4. FEE TRANSMITTAL FORM (PTO/SB/17), *WITH DUPLICATE COPY FOR FEE PROCESSING*;
 5. CHECK #856184 IN THE SMALL ENTITY RATE AMOUNT OF \$375.00 FOR THE FILING FEE AND
ONE (1) ADDITIONAL INDEPENDENT CLAIM;
 6. EXECUTED DECLARATION (*COPY FROM PRIOR APPLICATION, PER 37 CFR 1.63(D)*);
 7. INFORMATION DISCLOSURE STATEMENT, WITH COPIES OF 9 OF 43 CITED REFERENCES;
 8. DISCLOSURE STATEMENT FOR TWO CO-PENDING APPLICATIONS, CONCURRENTLY FILED,
WITH COPIES THEREOF; AND
 9. RETURN POSTCARD TO ACKNOWLEDGE RECEIPT OF ABOVE ITEMS.

ATTORNEY CONTACT: CLAUDE E. COOKE, JR.
REG. NO. 34,142
BAKER BOTTS L.L.P.
TELEPHONE: 713.229.1848
FACSIMILE: 713.229.2848
EMAIL: CLAUDE.COKE@BAKERBOTTS.COM

PTO CUSTOMER ID NUMBER: 023640